Abstract

In this paper, RSA algorithm is used to encrypt the secret message and advanced LSB technique is used to hide the encrypted message. Firstly, the message is encrypted and then encrypted message is being divided in two parts. First part of the encrypted message is xored with odd position and second part with even position of LSB+1. After that the xored encrypted message is being hidden on LSB position.

References

- Domenico Daniele Bloisi, Luca Iocchi: Image based Steganography and cryptography, Computer Vision theory and applications volume 1, pp. 127-134.
Data Hiding using Advanced LSB with RSA Algorithm


Index Terms

Computer Science

Algorithms

Keywords

Steganography  cryptography  RSA algorithm  Least Significant Bit